

PREVENTIVE MEDICINE PARTNERSHIP PROGRAM

ENVIRONMENTAL HEALTH SELF ASSESMENT CHECK LIST FOR ATLANTIC FLEET SHIPS

DATE:

1. C-Status grading system.

<u>C-Status:</u>	<u>Criterion:</u>
C-1	All six sections received a SATISFACTORY (SAT) Score
C-2	One of six sections received a NEEDS IMPROVEMENT (N), while all other sections received a SAT
C-3	Two or three sections received an N, while all other sections receive a SAT
C-4	Any section received an UNSATISFACTORY (UNSAT), or four or more sections received an N.

2. Checklist grading system.

- a. Two or more UNSAT marks on any asterisked items renders that section UNSAT
- b. Five or more N marks on any asterisked item renders that section UNSAT
- c. Ten or more N's or five or five or more UNSAT marks (in items that are either asterisked or not asterisked), throughout a section renders that section UNSAT.

Note: The six sections are:

Potable Water Sanitation

MSD

Habitability

Food Safety

Disease Surveillance, and

Pest Control

ENVIRONMENTAL HEALTH SELF ASSESSMENT - CHECK LIST

DATE:

S – SATISFACTORY

N – NEEDS IMPROVEMENT

U – UNSATISFACTORY

N/A – NOT APPLICABLE

Section 1: POTABLE WATER PROCEDURES

- Ref:
- (a) COMNAVSURFLANT 6000.1J Shipboard Medical Procedures Manual (2000)
 - (b) NAVMED P-5010 Manual of Preventive Medicine, Chapter 6 (Water Supply Afloat)
 - (c) Naval Ship's Technical Manual 533, Potable Water Systems (1995)
 - (d) GENSPECS 532, Fresh Water Service (1994)
 - (e) Naval Ship's Technical Manual, CH-505, Piping Systems (1999)
 - (f) GENSPECS, Section 505, Piping Systems (1991)
 - (g) Naval Ship's Technical Manual, CH-670, General Requirements for Stowage, Handling and Disposal of Hazardous General use Combustibles (1997)

OVERALL MARK: _____

1. GENERAL

- _____ a. * A current water sanitation bill is published, to ensure procedures for receipt, transfer, treatment, storage, distribution, and surveillance are provided and followed. Ref (a), Chap 5, Sec 3, 5302; Ref (b), Art 6-55.
- _____ b. * There is a minimum trace halogen residual throughout the system. Ref (a), Chap 5, Sec 3, 5303; Ref (b), Art 6-52.2; Ref (c), Art 533-3.1.2-3.2; Ref (d), p. 5, Art 532.b2.
- _____ c. The Engineering and Medical department personnel have adequate knowledge of the ship's water system operation, maintenance, and disinfection procedures. Ref (b), Art 6-2.6 and 6-2.7.
- _____ d. The interior valve handwheels, operating levers, hose couplings, and sounding tube caps are color-coded dark blue. (color chip 15044). Ref (b), Art 6-19; Ref (e), 505-7.8.2 and Table 505-7-1; Ref (f), Table 506-16.
- _____ e. * The brominators are properly installed and maintained. Ref (c), Sec 3.5; Ref (d), Art 532b2.

2. FILLING STATIONS:

Revised 4/02

- _____ a. Each filling station is clearly labeled with warning plates stating "POTABLE WATER ONLY" in one inch letters. Ref (a) Chap 5, Sec 3, 5303.c(1); Ref (c), Art 533-2.1.2; Ref (d), Art 532b2.
- _____ b. Filling connections are at least 18 inches above the deck with receiving end turned down, and closed with screwcaps attached with keeper chains. Ref (a) Chap 5, Sec 3, 5303.c(1); Ref (b), Art 6-8.2; Ref (c), Art 533-2.1.2.
- _____ c. * The deck riser hose connections and fittings are disinfected prior to hose hookup. Ref (b), Art 6-23.2; Ref (c), Art 533-3.5.2.3.
- _____ d. Warning labels are posted at each potable water hose connection in one inch red letters stating "DISCONNECT HOSE WHEN NOT IN USE" in one inch red letters. Ref (c), Art 533-2.3.4; Ref (d), Art 532b2.

3. POTABLE WATER HOSES/HOSE LOCKERS:

- _____ a. The hose lockers are vermin proof, locked, mounted 18 inches of the deck, out of the weather if possible, and labeled "POTABLE WATER HOSE". Ref (a) Chap 5, Sec 3, 5303.c(3); Ref (b), Art 6-20.1; Ref (c), Art 533-2.1.3.
- _____ b. Printed instructions outlining step-by-step methods for disinfection of hoses and risers are posted inside the lockers. Ref (a) Chap 5, Sec 3, 5303.c(3); Ref (b), Art 6-20.1; Ref (c), Art 533-2.1.3.
- _____ c. Potable water hoses are marked "POTABLE WATER ONLY" at 10 foot intervals, are well maintained, and are stored with the ends coupled or closed with screw type caps. Ref (a) Chap 5, Sec 3, 5303.c(2); Ref (b), Art 6-19.3; Ref (c), Art 533-2.1.3.
- _____ d. * Hoses are disinfected for two minutes prior to initial use, or after becoming contaminated, and flushed for 15-30 seconds prior to hook up. Ref (b), Art 6-23.2.
- _____ e. * Hoses are used exclusively for potable water and are properly supported so they do not hang into the harbor water. Ref (b), Art 6-8; Ref (c), Art 533-2.1.1.

4. POTABLE WATER TANKS:

- _____ a. * Sounding tubes shall be provided with valves or caps and with padlocks. The valve or cap shall be locked when not in use and properly labeled. Ref (b), Art 6-8.3; Ref (c), Art 533-2.3.6.
- _____ b. Steel tapes or rods used as potable water sounding devices are color-coded dark blue or labeled "POTABLE WATER USE ONLY". Ref (a) Chap 5, Sec 3,

5303.d; Ref (b), Art 6-19.1.

- _____ c. * Sounding rods and/or tapes are disinfected prior to use (tapes: immersion in 100 ppm chlorine for two minutes, or wiped with a clean rag soaked in a disinfectant solution). Ref (b), Art 6-14.2.
- _____ d. * The potable water air escape openings are covered with 18 mesh or finer non-corrosive metal screen, and do not terminate in foodservice spaces, medical spaces, heads, electrical spaces or weather decks. Ref (b), Art 6-12.

5. HALOGEN HANDLING AND SAFETY:

- _____ a. * A potable water hose with a quick opening valve is installed in the vicinity of each brominator. Ref (c), Art 533-3.4.6; Ref (d), Art 532b.
- _____ b. A warning plate, as specified in the Naval Ships Technical Manual CH 533, is installed at each brominator. Ref (c), Art 533-3.4.7 (Fig 533-3-2); Ref (d), Art 532b.
- _____ c. Bromine cartridges shall be stored in clean, dry storerooms in sufficient quantities to store a 6- month supply, as calculated from the information in paragraph 533-3.5.1.2.12. Ready service lockers will have appropriate warning plates. Ref (b), 6-21.1(5); Ref (c), Art 533- 3.4.5 (Fig. 533-3-1); Ref (d), Art 532b.
- _____ d. * Suitable personnel protective gear for handling bromine or HTH spills are readily available, including neoprene gloves, coveralls, and goggles. Ref (g), Art 670-5.3.3.
- _____ e. * The ready usage stock of calcium hypochlorite is not expired, is properly stowed in a locked, ventilated container, and does not exceed a 7 day supply. Ref (b), Art 6-21.1(2); Ref (g), Art 670-5.5.3.1.
- _____ f. * The stock storage of calcium hypochlorite is stowed in properly located lockers or bins with no more than 48 six ounce bottles per locker or bin. Ref (b), Art 6-21.1(3); Ref (g), Art 670-5.5.3.5.
- _____ g. Storage lockers and bins for calcium hypochlorite are labeled with red letters on a white background "HAZARDOUS MATERIAL, CALCIUM HYPOCHLORITE". Ref (b), Art 6-21.1(4); Ref (g), Art 670-5.5.3.7.

6. RECORDS AND TESTING:

- _____ a. The Medical department maintains a potable water log, with appropriate entries as specified in the NAVMED P-5010-6. As a minimum: date/time, location (at sea,

harbor, name of port), sampling site, source of ships water (water barge, distilling apparatus, shore water), halogen residual, bacteriological analysis. All testing will be documented using the SAMS environmental surveillance module. Ref (a), Chap 5, Sec 3, Art 5303.b; Ref (b), Art 6-54.

- _____ b. A positive and negative control test are used to ensure the quality of the test procedure. No growth should result from the negative test and the positive control should demonstrate numerous typical coliform colonies. Ref (a), Chap 5, Sec 3, 5304.c.
- _____ c. * The Medical Department is responsible for measuring potable water halogen residuals daily, while underway or deployed, or weekly while in port. Testing will be accomplished by monitoring a minimum of four sampling points that are representative of the ships distribution systems (i.e. forward, aft, mid-ships, and as far above the O-1 level as possible). Ref (a), Chap 5, Sec 3, Art 5303.b; Ref (b), Art 6-52.3; Ref (c), Art 533-4.3.2.
- _____ d. The Medical Department is performing weekly bacteriological analysis of potable water samples. Samples will be collected from representative points throughout the distribution system (i.e. forward, mid-ships, aft, as far above the O-1 level as possible) as well as from the potable water tanks. In no case should less than four samples be taken weekly. to include 12 sites which are varied and represent all parts of the potable water distribution system, 1/4 of all potable water tanks, 1/4 of all ice machines. Ref (a), Chap 5, Sec 3, Art 5304.a; Ref (b), Art 6-53.3.
- _____ e. * The Medical Department procedures for performing halogen residual tests and bacteriological analysis of potable water are in accordance with Ref (b), Art 6-52 and 6-53.
- _____ f. Medical Department is conducting monthly inspections of the potable water system. Ref (a), Chap5, Sec 3, 5301.
- _____ g. * The Engineering department is performing required halogen residual testing. Ref (a), Chap 5, Sec 3, 5303.b; (b), Art 6-52.4; Ref (c), Art 533-4.3.3.
 - (1) Daily on potable water tanks when in use.
 - (2) Prior to receiving water on board.
 - (3) A minimum of 30 minutes after initial halogenation has been accomplished.
 - (4) As required when tanks are not in use to ensure minimum halogen residuals.
 - (5) Prior to putting tanks in service.
 - (6) In conjunction with weekly bacteriological testing, while hooked up to US operated shore source.

7. BATTLE DRESSING STATIONS:

Revised 4/02

- _____ a. * The emergency water tanks are drained and refilled quarterly with potable water containing at least a trace FAC or TBR. Ref (b), Art 6-32.2(a).
- _____ b. An instruction plate is installed on each tank with the following inscription:
"BATTLE DRESSING STATION TANK IS TO BE FLUSHED AND
REPLENISHED WITH POTABLE WATER EVERY (3) THREE MONTHS".
Ref (a), Chap 4, Sec 3, Art 4303c(6); Ref (b), 6-32.2a; Ref (d), Art 532b.
- _____ c. * Bacteriological tests of water from each emergency tank are conducted after filling and monthly thereafter. Ref (a), Chap 4, Sec 3, Art 4303.c(6); Ref (b), Art 6-32.2(c).
- _____ d. * Emergency 5-gallon potable water containers are labeled "WATER" on the exterior surface. Ref (b), Art 6-33.
- _____ e. * Emergency 5-gallon potable water containers are emptied, flushed, and refilled quarterly with potable water containing at least a trace FAC or TBR. Ref (b), Art 6-33.9.

* These items are highly significant

ENVIRONMENTAL HEALTH SELF-CHECK LIST

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S – SATISFACTORY
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N/A – NOT APPLICABLE

Section 2: MARINE SANITATION DEVICE (MSD)

- Ref:
- (a) NAVSEAINST 9593.1B Certification Program for Sewage Marine Sanitation Devices (MSD) in the U.S. Navy Surface Ships and Craft
 - (b) GENSPECS, Section 593 Environmental Pollution Control Systems
 - (c) Naval Ship's Technical Manual, CH-593 Pollution Control
 - (d) GENSPECS, Section 507 Machinery and Piping Designating and Marking
 - (e) Naval Ship's Technical Manual, CH-505 Piping Systems
 - (f) NAVMED P-5010 Manual of Preventive Medicine, CH-7 Wastewater Treatment and Disposal Ashore and Afloat
 - (g) COMNAVSURFLANTINST 6000.1J Shipboard Medical Procedures Manual
 - (h) OPNAVINST 5100.19D NAVOSH Program Manual for Forces Afloat
 - (i) CINCLANTFLT/CINCPACFLTINST 4790.3

TYPE OF SYSTEM USED: _____

OVERALL MARK: _____

1. OPERATIONS AND MAINTENANCE:

- _____ a. * Ship's MSD system presently holds a full certification. Ref (a), Para 5; Ref (i), Vol IV, Part I, Chap 9, 9.2.
- _____ b. * The MSD System is properly operated in accordance with the "Ships Sewage Disposal Operational System" (SSDOS) and other authoritative directives. Ref (a); Ref (c), 593-4.2.1.1.
- _____ c. The MSD system and components are in good condition. Ref (a); Ref (c), Sec 4.
 - (1) No parts of the system are leaking (no residual on piping, deck, drip pans, or during paper towel tests). Ref (f), 7-18.2.
 - (2) Properly labeled and color-coded equipment. Ref (f), 7-18.1.
- _____ d. A telephone connection to the ships internal communication system is provided in the pump room, at the continuously manned remote location where the high level

alarm is located, and at deck discharge connections. Ref (c), Art 593-4.3.5.

- _____ e. MSD system interior valve handles and operating levers are color-coded gold (chip 17043). Ref (d), 507g; Ref (e), 505-7.8.2.2 and Table 505-7-1.
- _____ f. While at sea, the CHT holding tanks shall be flushed and aerated once a week. The holding tanks shall be flushed for 30 minutes using the holding tank wash down system followed by 30 minutes of aeration. Ref (c), 593-4.6.1.6.3.d.
- _____ g. While in port, the CHT holding tanks shall be washed down for 30 minutes after tanks are pumped down (emptied). Ref (c), 593-4.6.1.6.2.a.4.
- _____ h. A ready stock of Sodium hypochlorite is on board and is properly stored (Pall-Trinity system only). Ref (a), Encl (6), Para II.B.5 & II.B.6.
- _____ i. * The potable water is separated from the fresh water (Jered Vacu-Burn system only). Ref (a), Encl (5), Para I.B.6.
- _____ j. * No fuel leaks are present (Jered Vacu-Burn system only). Ref (a), Encl (5), Para VII.B.4.

2. PERSONAL PROTECTION AND SANITATION:

- _____ a. * Personal protective clothing and equipment are readily available, including coveralls, gloves, rubber boots, face shields, and hair covers and appropriate disinfectant, clean up and disposal supplies. Ref (a), Encl (3); Ref (c), Art 593-4.2.2.10 (a-l); Ref (f), Sec 3, Art 7-20; Ref (h) C1502.a.2.
- _____ b. * Fresh or salt water hose connections are provided to wash down pump room space; however if potable water is used, a vacuum breaker must exist in the line. Ref (a), Encl (3), Para IV.5; Ref (c), Art 593-4.2.2.8.
- _____ c. * Wash up facilities with potable water, soap, and hand drying fixtures are located in or near system pump rooms and other dedicated spaces. Ref (a), Encl (3), Para III.1; Ref (c) Art 593-4.2.2.7.
- _____ d. Personnel are thoroughly washing hands, lower arms, and face (in that order) with soap and water prior to smoking, eating, and drinking. Ref (h), C5102.a (3).
- _____ e. Health warning placards are posted in pump rooms and comminutor spaces. (i.e. wash thoroughly before leaving; no eating, drinking, or smoking; clean up procedures, hydrogen sulfide rescue procedures; caution label plates at each pump controller). Ref (a), Encl (3), Para VII, Encl (5), Para I.B.9, Encl (6), Para II.A.2;

Ref (b), Art 593a; Ref (c), Art 593-4.2.1.3.4 and 4.2.2.9; Ref (f), Sec 7-23 e and f; Ref (h) C1502.a (6); Ref (h), C1502.a.6.

- _____ f. Personnel are not smoking, eating, or drinking in pump rooms, comminutor spaces, or when working on CHT components. Ref (f), 7-22.2.e.
- _____ g. Deck discharge stations are painted the same color as the surrounding structure, clearly identified, and have appropriate sanitation and hose handling label plates. Ref (b), Art 593a; Ref (d), Art 507g; Ref (e), 505-7.8.2.4.
- _____ h. Diverter valves are labeled "to overboard" or "to CHT tanks". Ref (a), Encl (3), Para XVIII.2d.

3. TRAINING AND RECORDS:

- _____ a. Indoctrination and annual health and safety training of MSD operators and maintainers is being done by the Medical Department. Ref (f), 7-21.2.b.
- _____ b. Basic immunizations (polio, tetanus, and diptheria) are current for personnel working with or exposed to sewage. Ref (f), 7-14.2.
- _____ c. Medical is conducting quarterly MSD system inspections. Ref (f), 7-21.2.a.

4. SAFETY:

- _____ a. * Two EEBD's are located in each pump room. Ref (c), 593-4.2.1.1(5); Ref (f), Sec 3, Art 7-23.2.c; Ref (h), C1502.b (7).
- _____ b. * MSD rooms are configured with slightly negative pressure ventilation, to include powered air supply and exhaust ventilation in accordance with GENSPECS Sec 512. Exhaust ventilation ducts should extend to within 9 inches of the deck. Ref (f), Sec 3, Art 7-23.2.a.
- _____ c. * Removable drip pans are located in health sensitive areas (food storerooms, food preparation or messing areas, medical and dental spaces, spaces where leakage can reach bilges contacting potable water tank boundaries, berthing spaces when valves are located above or adjacent to bunks). Ref (a), Encl (3), Para XVIII 3; Ref (c),
Art 593-4.2.2.6; Ref (h), C1502.a (4-5).
- _____ d. The Engineering Department inspects the MSD system components for leaks regularly. All leaks, spills or other sources of contamination observed during the inspection or at any time must be promptly reported to the XO, CHENG, DCA and the SMO. Ref (c), 593-4.2.3.i; (f), Sec 3, 7-18.2 and 7-21.2(a); Ref (h), C1502.b (1).

- _____ e. * Appropriate (15 lb CO2) fire extinguishers are located in pump rooms. Ref (a), Encl (3), Para XX, Encl (5), Para I.b.4, Encl (6), Para II.a.11.
- _____ f. Fire/smoke detectors are installed and operational in incinerator spaces (Jared
Vacu- Burn system only). Ref (a), Encl (5), Para VII.B.2.

* These items are highly significant

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Section 3: HABITABILITY/HEADS & LIVING SPACES

- Ref: (a) NAVMED P-5010 Manual of Naval Preventive Medicine, CH-2
(b) OPNAVINST 9640.1A Shipboard Habitability Program
(c) GENSPECS 644 Plumbing Fixtures and Fittings
(d) GENSPECS 532 Freshwater Service Systems
(e) COMNAVSURFLANTINST 6000.1J, Shipboard Medical Procedures Manual
(f) Naval Ship's Technical Manual, CH-655 Laundry
(g) Naval Ship's Technical Manual, CH-670 General Requirements for Stowage
(h) GENSPECS 671 Special Stowage Requirements
(i) OPNAVINST 5100.19D NAVOSH Program Manual for Forces Afloat

OVERALL MARK: _____

1. GENERAL:

- _____ a. * The SMO or his representative conducts routine sanitation inspections of berthing areas, shower rooms, confinement facilities and gyms. The findings are reported to the CO with copies to the cognizant department heads, division officers, or LCPOs. Ref (a), Art 2-9, 2-10, 2-18, 2-33, 2-46; Ref (e), Chap 5, Sec 4, 5401.

2. BARBER SHOPS:

- _____ a. The barbershop is clean and well maintained. Ref (a), Sec II, Art 2-13.
- _____ b. Hair is promptly removed from the deck by a dustless method. Ref (a), Sec II, Art 2-15.
- _____ c. * Sanitation regulations are conspicuously posted. Ref (a), Sec II, Art 2-18; Ref (e), Chap 5, Sec 4, 5402.
- _____ d. * Barbers receive a medical screening before initial assignment, and are excluded from attending patrons when they are ill with a communicable disease. Ref (a), Sec II, Art 2-12; Ref (e), Chap 5, Sec 4, 5402.
- _____ e. There is an adequate supply of hot and cold running water and the hot water temperature is between 120°F-140°F. Ref (a), Sec II, Art 2-13; Ref (d), Art

432b3.

- _____ f. There a sufficient supply of hand washing soap and paper towels available at each barber station. Ref (a), Sec II, Art 2-13.
- _____ g. The barbers wear clean smocks or freshly laundered over garments while attending patrons. Ref (a), Sec II, Art 2-12.
- _____ h. * Barbers wash their hands when required, including between patrons. Ref (a), Sec II, Art 2-12.
- _____ i. The barbers abstain from eating, drinking, or smoking while attending to patrons. Ref (a), Sec II, Art 2-15.
- _____ j. Clean, sanitary, covered receptacles are provided for waste material and used linen. Ref (a), Sec II, Art 2-15.
- _____ k. Covering cloths are clean and changed at least daily or more often when necessary. Ref (a), Sec II, Art 2-15.
- _____ l. Individual sanitary neck strips are used for each patron. Ref (a), Sec II, Art 2-15.
- _____ m. Disinfecting solutions are changed at least weekly or more frequently depending on patron load. Ref (a), Sec II, Art 2-16.
- _____ n. Removable and non-removable clipper heads are thoroughly cleaned and disinfected using an approved EPA spray. Ref (a), Sec II, Art 2-16.
- _____ o. Scissors, instruments, and combs are thoroughly washed with soap and water, then placed in a disinfecting solution or sprayed with an approved EPA disinfecting spray. Ref (a), Sec II, Art 2-16.
- _____ p. Chemically disinfected instruments are rinsed in running potable water before each use. Ref (a), Sec II, Art 2-16.
- _____ q. Common brushes and dusters are not used. Ref (a), Sec II, Art 2-16.

3. LAUNDRY AND DRY CLEANERS:

- _____ a. * Pre-assignment and annual physicals are completed on personnel exposed to dry cleaning solvents. Ref (a), Sec IV, Art 2-32; Ref (e), Chap 5, Sec 4, 5403.
- _____ b. Spaces are maintained in a clean and sanitary condition free of water, slip hazards and clutter. Ref (a), Sec IV, Art 2-33, 2-40; Ref (e), Chap 5, Sec 4, 5403.
- _____ c. Sanitation regulations are posted in all laundry spaces. Ref (e), Chap 5, Sec 4,

Revised 4/02

5403.

- _____ d. Covered containers are provided for trash. Ref (a), Sec IV, Art 2-33.
- _____ e. Separate areas are designated for clean and soiled laundry. Ref (a), Sec IV, Art 2-33.
- _____ f. Cooking, eating, smoking, and storage of food and drink is prohibited where laundry is handled. Ref (a), Sec IV, Art 2-33.
- _____ g. Frequent hand washing takes place, particularly after handling soiled laundry. Ref (a), Sect IV, Art 2-32.
- _____ h. A sanitary drinking fountain is provided in or near the laundry and dry cleaning plant. Ref (a), Sec IV, Art 2-33.
- _____ i. * Plumbing fixtures and equipment are maintained in good repair, free of cross connections, and kept in a sanitary condition. Ref (a), Sec IV, Art 2-33.
- _____ j. Lint screens are installed, in good condition, and are cleaned every four hours of operation or more frequently as needed. Ref (f), Art 655-1.10.7.18 and 1.10.7.19.
- _____ k. Chlorine bleach is properly stowed in a clean, dry area away from sources of heat and moisture. Ref (g), Art 670-5.6.1.
- _____ l. * Dry cleaning fluids are stored in adequately vented storage spaces. Ref (g), Art 670-3.2.3; Ref (h), Art 671b.
- _____ m. * Appropriate eye protection (chemical goggles) is available where dry cleaning fluid, bleach, and detergent splashes may occur. Ref (a) Sec IV, Art 2-36.6.
- _____ n. A permanent emergency eye wash station is installed and properly maintained. Ref (a), Sec IV, Art 2-36.6; Ref (i), Art B0508.
- _____ o. * Automatic safety devices are functional and not bypassed. Ref (a), Sec IV, Art 2-36.7; Ref (f), Art 655-1.10.3.14, and 1.10.7.4.
- _____ p. * Dry bulb thermometers are placed in laundry spaces. Thermometers are read while the ship is underway or when potential heat-stress conditions exist while in port. Ref (i), Art B0204b(3).

(1) Every 4 hours for manned spaces if DB temperatures do not exceed 85°F.

(2) Every hour for manned spaces if DB temperature exceeds 85°F.

- (3) Every hour at temporary installations where the DBN temperature exceeds 85°F during repair or maintenance operations.

4. BERTHING:

- _____ a. Berthing spaces are clean and uncluttered. Ref (a), Sec I, Art 2-4.
- _____ b. Mattresses, bedding and furniture are clean and in good repair. Ref (a), Sec I, Art 2-4.
- _____ c. Polyurethane pillows are prohibited. Ref (a), Sec I, Art 2-4.3.
- _____ d. Adequate lighting and ventilation are provided. Ref (a), Sec I, Art 2-4.
- _____ e. The bowl, orifice, and mouth guard of scuttlebutts are clean and sanitary. Ref (a), Sec I, Art 2-66.4.

5. HEADS AND WASHROOMS:

- _____ a. * Heads and washrooms are clean and well maintained. Ref (a), Sec I, Art 2-4.5.
- _____ b. Showers are clean and free of mold, mildew, and soap scum. Ref (a), Sec I, Art 2-4.5.
- _____ c. There is an adequate supply of hot and cold running water and the hot water temperature is between 120°F-140°F. Ref (d), Art 432b3.
- _____ d. A functional soap dispenser, adequately supplied with soap, is provided in each washroom with three or more lavatories. Ref (c), Art 644e.
- _____ e. Paper towel dispensers are provided and adequately supplied with paper towels. Note: hand dryers may augment but not replace paper towels. Ref(c), Art 644e.
- _____ f. Urinals and water closets are in good condition, adequately supplied with toilet paper and free of urea scale. Ref (a), Sec I, Art 2-4.5.
- _____ g. Heads and washrooms are adequately supplied with soap, paper towels and toilet paper. Ref (a), Sec I, Art 2-4.5.

6. GYMNASIUMS:

- _____ a. * Quarterly inspections are conducted by the Medical Department. Ref (a) Sect VII, 2-46; Ref (e) Chap 5, Sec 4, 5404.
- _____ b. * Equipment is of acceptable design and maintained in safe operating condition. Ref (a) Sect VII, 2-47.

- _____ c. Floors are maintained in a clean and safe condition. Ref (a) Sect VII, 2-48.
- _____ d. Mats and other cushioning devices are adequately maintained and cleaned routinely. Ref (a) Sect VII, 2-50.
- _____ e. Heads are maintained in a clean, sanitary manner with adequate soap, paper towels, and toilet tissue. Ref (a) Sect VII, 2-50.
- _____ f. A sanitary drinking fountain is provided in or near gym spaces. Ref (a) Sect VII, 2-51.

* These items are highly significant.

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DATE:

S – SATISFACTORY
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Section 4: FOOD SAFETY

- Ref:
- (a) COMNAVSURFLANTINST 6000.2J Shipboard Medical Procedures Manual
 - (b) NAVMED P-5010 Manual of Naval Preventive Medicine CH-1 (Food Service Sanitation)
 - (c) NAVSUPINST 4061.11G Standards of Food Service
 - (d) NAVSUP PUB 421 Food Service Operations
 - (e) NAVSUP PUB 486 Food Service Management
 - (f) NAVSUP PUB 520 Enlisted Dining Facility Master-At-Arms Handbook

OVERALL MARK: _____

1. GENERAL:

- _____ a. * Person In Charge is present at the food establishment during all hours of operation facilities categorized as risk type 3 or 4. Risk type 1 and 2 require on designated son in charge. Ref (b), Sec 2-1.1.
- _____ b. * All food employees are medically screened for evidence of communicable disease prior to initial assignment in food service. Ref (a), Chap 5, Sec 2, 5201.d; Ref (b), 2-2.2.

2. TRAINING:

- _____ a. * Persons In Charge (PIC) have attended the Food Safety Managers/Supervisors Course. Ref (b), Sec 2-1.2.2.A.
- _____ b. Food safety training is performed by certified food safety instructors. Ref (a), Chap 5, Sec 2, 5202; Ref (b), 2-1.2.2.C.
- _____ c. * All food service employees (employees assigned in excess of 30 days) receive a minimum of 4 hours initial food safety training. Ref (b), 2-1.2.2.B.a.
- (1) New food service personnel shall receive 4 hour training within the first 30 days of employment.
- (2) Additional 4 hours of annual training.
- _____ d. Current Food Safety Training Certificates (NAMED 4061/1) for each food

Revised 4/02

employee, supervisor, and person in charge is kept on file by the PIC, at the work location. Ref (b), 2-1.2.2.C.d.

- _____ e. * Temporary food service personnel assigned for 30 days or less receive 2 hours of initial training and orientation. Ref (b), 2-1.2.2.B.b.

3. FOOD ESTABLISHMENT INSPECTION REPORTS:

- _____ a. Food establishments are inspected monthly, or at a frequency approved by the CO, but not less than quarterly. Ref (a), Chap 5, Sec 2, 5201.b; Ref (b), Section 6-1.1.
- _____ b. Food safety inspections are thorough and complete. Ref (a), Chap 5, Sec 2, 5201.a; Ref (b); Ref (c); Ref (d); Ref (f).
- _____ c. PMA's are verifying that critical violations have been corrected at the time of inspection or within 10 days of the initial routine inspection, and few repeat discrepancies are noted. Ref (a), Chap 5, Sec 2, 5201.b; Ref (b), NAVMED 6240/1 (Rev 12/97).

* These items are highly significant.

Below is a summary of the Food Establishment Inspection Reports.

<u>Critical</u>	<u>Non Critical</u>	<u>Food Service Establishment</u>
a. _____	_____	Enlisted Galley and Mess
b. _____	_____	CPO Galley and Mess
c. _____	_____	Wardroom Galley and Mess
d. _____	_____	Flag Galley and Mess

Attached are the Food Establishment Inspection Reports(6240/1).

ENVIRONMENTAL HEALTH SELF-CHECK LIST

DATE:

S – SATISFACTORY
N – NEEDS IMPROVEMENT
U – UNSATISFACTORY
N/A – NOT APPLICABLE

Section 5: DISEASE PREVENTION

- Ref: (a) COMNAVSURFLANTINST 6000.1J Shipboard Medical Procedures Manual
(b) BUMEDNOTE 6230 Immunization Requirements and Recommendations
(c) NAVMEDCOMINST 6224.8 Tuberculosis Control Program
(d) BUMEDINST 6222.10A Sexually Transmitted Disease (STD) Clinical Management Guidelines
(e) CDC 1998 Guidelines for Treatment of Sexually Transmitted Diseases
(f) SECNAVINST 5300.30C Management of Human Immunodeficiency Virus (HIV) Infection in the Navy and Marine Corps Screening Program Update
(g) NAVMEDCOMINST 6230.1A Viral Hepatitis Prevention
(h) BUMED MSG 242140Z MAY 96 Updated Guidance on use of Newly Licensed Hepatitis A Vaccine
(h) NEHC TM6250.98 Navy Medical Department Pocket Guide to Malaria Prevention and Control
(j) NAVMEDCOMINST 6230.2A Malaria Control and Prevention
(k) NAVMEDCOMINST 6220.4 Rabies Prevention and Control
(l) NAVMED P-5038 Control of Communicable Disease Manual 16th Ed., 1995
(m) NAVMEDCOMINST 6220.12A Medical Event Reports
(n) SECNAVINST 6230.4 Department of the Navy (DON) Anthrax Vaccination Implementation Program (AVIP)

OVERALL MARK: _____

1. HEALTH CARE SYSTEM

- _____ a. A health care monitoring system exists for TB, STD's, and Immunizations. Ref (a), Chap 5, Sec 6, 5601.
- _____ b. All required references are on board. Ref (a), Chap 5, Sec 6, 5601.
(1) Immunizations Ref (b).
(2) Tuberculosis Ref (c).
(3) Sexually Transmitted Disease Ref (d-f).
(4) Human Immunodeficiency Virus Infection Ref (f).
(5) Hepatitis Ref (g and h).
(6) Malaria Ref (i and j).
(7) Rabies Ref (k).
(8) Food-borne Illness/Infection Ref (l).

Revised 4/02

(9) Disease Surveillance Ref (m).

2. IMMUNIZATION PROGRAM

- _____ a. * Immunizations are current (Typhoid, Tetanus, Yellow Fever, Influenza, Hepatitis A, and Anthrax). For readiness assessment purposes, the status of the crew for each immunization must be greater than 90% to be graded satisfactory. Ref (a), Chap 5, Sec 6, 5606; Ref (b).
- _____ b. Health record entries are accurate and complete. Ref (b), 3.i.
- _____ c. * Medical/Dental personnel have documentation of measles, mumps and rubella (MMR) immunization or positive immune status. Ref (a), Chap 5, Sec 6, 5606.b; Ref (b), 6.g.
- _____ d. SAMS database system is utilized for tracking and reporting all routine immunizations IAW SECNAVINST 6230.4. IN addition ships utilize Shipboard Non-Tactical Automated Data Processing Program (SNAP) Automated Medical System (SAMS) for tracking, documenting, and submitting immunization compliance data up the chain of command. Ref (b), 2.h.(1)(a).
- _____ e. Electronic transfer of all immunization data is required monthly (weekly for anthrax) to the Naval Medical Information Management Center (NMIMC). SAMS data may be submitted via floppy disk if electronic transfer is not possible. Ref (b), 2.h(2); Ref (n).

3. TUBERCULOSIS PROGRAM

- _____ a. PPDs are given and read in a timely manner. Ref (c), Encl (1), 6b(3)(a).
- _____ b. * New reactors receive a baseline X-ray and liver function tests. Ref (c), Encl (1), 5b(2) and (3).
- _____ c. * New reactors receive a baseline HIV screening test. Ref (c), Encl (2), 5b(4).
- _____ d. INH chemoprophylaxis start and complete dates are documented. Ref (c), Encl (2), 8.
- _____ e. * Reactors receive an annual/monthly clinical TB screening evaluation. For readiness assessment purposes, PPD/Converter evaluation must be 100% to be graded satisfactory. Ref (a), Chap 5, Sec 6, 5603; Ref (c), Encl (4), Para 2 and 3.
- _____ f. * The Annual Tuberculosis Summary record has been completed and maintained on file for at least three years with a copy to NEPMU-5. Ref (c), Encl 4.

4. SEXUALLY TRANSMITTED DISEASES

Revised 4/02

- _____ a. Personnel are familiar with current sexually transmitted disease treatment regimens. Ref (e).
- _____ b. * Baseline RPR\VDRL and HIV testing is conducted on all STD patients. Ref (d), 4a and b; Ref (f) 6e.
- _____ c. Follow-up RPR's are conducted when symptoms of syphilis or positive RPR's are found. Ref (d), 1b.
- _____ d. * Personnel diagnosed with an STD receive a Hepatitis B Vaccine series (3 doses) with proper documentation in the Health Record. Ref (d), 4c.
- _____ e. All relevant STD data is recorded in the patient's health record, STD log and/or SAMS system. Ref (m).
- _____ f. Contact interviews are conducted, recorded, and the CDC form forwarded to the appropriate public health department. Ref (d), 7; Ref (m).

5. GENERAL PREVENTIVE MEDICINE

_____ a. MALARIA

- (1) Personnel are familiar with the sources of current information on malaria prevention and control measures. Ref (j) and Ref (i).
- (2) G6PD testing is complete on all personnel. Ref (i), Chap 5, p. 55.
- (3) Prior to deployment, all units schedule a pre-deployment briefing with the cognizant NEPMU far enough in advance of deployment to allow for procurement of recommended chemoprophylactic agents. Ref (a), Chap 5, Sec 6, 5606.d.
- (4) For forward-deployed ships, annual Malaria training (preparation and reading of malarial smears) is conducted for medical personnel. Ref (a), Chap 5, Sec 6, 5605.d.

_____ b. RABIES

- (1) Personnel are knowledgeable in rabies prevention practices and treatment. Ref (l).

_____ c. MEDICAL EVENT REPORTS

(1) Medical Event Reports (MERs) are submitted as required. Ref (m).

_____ d. * HIV

(1) Annual HIV testing is conducted annually for all shipboard personnel. For readiness assessment purposes, the status of crew testing must be greater than 90% to be satisfactory. Ref (a) , Chap 5, Sec 6, 5607; Ref (f), Para 6

(2) HIV test results are recorded on the appropriate form (NAVMED 6000/2) in the Health Record. Ref (f), Para 6f.

_____ e. * HEPATITIS

(1) Personnel are familiar with Navy policy for preventing viral hepatitis infection. Ref (g), Para 4b, Page 2.

(2) Medical and Dental personnel received their Hepatitis B immunizations. For readiness assessment purposes, Hepatitis B must be at 100% or these personnel to be graded satisfactory. Ref (a), Chap 5, Sec 6, 5604; Ref (b), 6.d.(c).

* These items are highly significant.

ENVIRONMENTAL HEALTH SELF-CHECK LIST

DATE:

S – SATISFACTORY
N – NEEDS IMPROVEMENT
U – UNSATISFACTORY
N/A – NOT APPLICABLE

Section 6: ENTOMOLOGY – PEST CONTROL & PESTICIDE SAFETY

- Ref: (a) COMNAVSURFLANTINST 6000.1J Shipboard Medical Procedures Manual
(b) SECNAVINST 6210.2A Medical Service Quarantine Regulations of the Armed Forces
(c) OPNAVINST 6250.4B Pest Management Programs
(d) CINCPACFLTINST 5440.3H Chapter 10, Regulations for the Pacific Fleet
(e) MANMED Article 22-37
(f) NAVMED P-5010 Manual of Preventive Medicine, Chapter 8
(g) BUMEDINST 6250.12C Pesticide Applicator Testing and Certification for Medical Personnel
(h) BUMEDINST 6250.14A Procurement of Deratting/Deratting Exemption Certificate
(i) OPNAVINST 5100.19D Navy Occupational Safety and Health Program Manual for Forces Afloat (NAVOSH)
(j) Naval Ships Technical Manual CH-670 Stowage, Handling, and Disposal of Hazardous General Use Consumables
(k) NAVSUPPUB 421 Foodservice Operations
(l) NAVSEA MANUAL 0964-000-2000 Lighting on Naval Ships, Chapter 8
(m) Navy-Wide Shipboard Pest Control Manual (DVECC Pub)
(n) Armed Forces Pest Management Board Technical Information Memorandum No. 38

OVERALL MARK: _____

1. ADMINISTRATION:

- _____ a. All required references and relevant Material Safety Data Sheets (MSDS) are on board. Ref (i) Para B0302d.
- (1) Quarantine Regulations of the Armed Forces. Ref (b).
(2) Pest Management Programs. Ref (c).
(3) Medical Entomology and Pest Control Technology. Ref (f).
(4) Navy-Wide Shipboard Control Manual. Ref (m).
(5) Pesticide Applicator Training and Certification for Medical Personnel. Ref (g).
(6) Procurement of Deratting/Deratting Exemption Certificates. Ref (h).
(7) Protecting Meals Ready to Eat (MREs). Ref (n).
- _____ b. PMT's maintain current category 8 Pest Control certification. Ref(g), p.2, 5.a.

- _____ c. * The corpsmen responsible for the pest control program and the senior enlisted medical department representative are currently certified in shipboard pest control. Ref (a), Chap 5, Sec 5, 5501.b; Ref (f), Chap 8, Sec I, 8-6(1).
- _____ d. * Personnel using respirators have had a medical evaluation, fit testing, and received proper training. Ref (m), Chap 5.
- _____ e. * Annual Cholinesterase testing is done on all personnel working with organophosphate and carbamate pesticides. Ref (m), Chapter 5.
- _____ f. All pest control surveys, inspections and operations are properly recorded and documented using the SAMS environmental surveillance module. Ref (a), Chap 5, Sec 5, 5501.e.; Ref (m), Chap 4.
- _____ g. * The ship has a current USPHS Deratization Exemption. Ref (a), Chap 5, Sec 5, 5502.b; Ref (d), pg 10-9, 10304.2; Ref (e), Chap 22, Sec X, Para 22-37.

2. PEST CONTROL MEASURES

- _____ a. Cockroach surveys are properly performed. Ref (f), Sec VI, Para 8-38(4)(e).
- _____ b. * Pesticides are properly applied. Ref (f), Chap 8, Sec II; Ref (m) Chap 5 and 6.
- _____ c. Approved rat guards are properly placed on all ship to shore lines. Ref (d), pg 10-10, Para 10311.b; Ref (h), Encl (2), pg 1-2, Para 1-3.
- _____ d. The ship is free of cockroach infestations. Ref (f), Sec VI, Para 8-38(4)(e).

3. PEST CONTROL EQUIPMENT AND MAINTENANCE

- _____ a. * NIOSH approved respirators are properly maintained and stored. Ref (m), Chap 5; Ref (i), Chap B6, Para B0609.
 - (1) Inspected before and after each use.
 - (2) Cleaned and sanitized according to manufacturer's instructions of per Ref (i), B0609b.
 - (3) Cartridges/filters: Proper cartridge and installation, gaskets/threadings and connections in good condition. Unused cartridges are not expired and do not have evidence of prior use (sealed with manufacturer's original tape, foil, etc.).
 - (4) Stored flat in a clean, dry, uncontaminated area without crowding which may distort the respirator face piece, and stored in clean plastic bag or other sealed

container.

- _____ b. An approved pesticide sprayer is on board and in good repair. Ref (m), Chap 6.
- _____ c. Spare parts are available for sprayer maintenance. Ref (m), Chap 6.

4. SAFETY EQUIPMENT

- _____ a. * Approved replacement combination cartridges or cartridges with pre-filters are on board. Ref (f), Sec IV, Para 8-21(2); Ref (i), Chap B6, Para B0604.a(4) and Appendix B6-D.
- _____ b. * Approved solvent resistant gloves are on board. Ref (f), Sec IV, 8-21(6); Ref (i), Chap B12, Para B1203.c(3); Ref (j), 670-1.8; Ref (m), Chap 5.
- _____ c. * Separate coveralls are used exclusively for pest control. Ref (f), Sec IV, 8-21(4)(c); Ref (j), 670-1.8; Ref (m), Chap 5.
- _____ d. * Approved chemical goggles are on board. Ref (f), Sec IV, 8-21(3); Ref (i), Chap B12, Para B12; Ref (j), 670-1.8; Ref (m), Chap 5.
- _____ e. * Pesticide supplies are properly stored in a flammable storage locker. Ref (j); Ref (m), Chap 5.
- _____ f. * An approved and properly labeled pesticide spill kit is on board. Ref (f), Sec IV, Para 8-23; Ref (j), 670-1.7 through 1.10; Ref (m), Chap 5.

- (1) Labeled "FOR PESTICIDE SPILLS ONLY"
- (2) 5 to 10 pound bag of absorbent material.
- (3) PPE
- (4) Dustpan
- (5) Brushes (dusting and scrub for detergent)
- (6) Plastic bags
- (7) Hazardous Waste Labels
- (8) Liquid Detergent

5. SUPPLY STOREROOMS

- _____ a. * Inspections of dry storerooms are properly performed. Ref (f), Chap 1, 3-4.4.c.
- _____ b. Items infested with stored product pests are isolated or disposed of properly. Ref (f), Chap 1, Sec 3, 3-1.2.6.

Revised 4/02

- ___ c. Inspections of pierside stores are properly performed. Ref (f), Chap 1, Sec 3, 3-1.3.
- ___ d. Dry stores are maintained in a clean and sanitary manner with no evidence of food spillage. Ref (f), Chap 1, Sec 3, 3-4.1.
- ___ e. Gratings and pallets are used properly to promote good air circulation. Ref (f), Chap 1, Sec 3, 3-4.1.
- ___ f. Storeroom bulkheads are lightly colored and made of easily cleanable material. Ref (k), Chap 2, Sec 2009.2.
- ___ g. Lighting in dry storerooms adequate and functioning. Ref (k), Chap 2, Sec 2009.3; Ref (l), Table 8-2.
- ___ h. Spoiled food items are absent from the dry storerooms. Ref (f), Chap 1, Sec 3, 3-1.2.1; Ref (k), Chap 1, Sec 1000-1008.
- ___ i. Items are properly stacked for rotation "First in, first out". Ref (f), Chap 1, Sec 3, 3-4.6.
- ___ j. Outdated food items extended by Army Veterinary Service when possible. Ref (f), Chap 1, Sec 3, 3-4.4; Ref (k), Chap 2, Sec 2009.
- ___ k. * The ship is free of rodent infestation. Ref (f), Chap 8, Sec VI, 8-44(5); Ref (k), Chap 1, Sec 1005, Chap 2, Sec 2008.

6. MEAL, READY-TO-EAT RATIONS (MREs)

- ___ a. MREs are rotated every deployment. MREs have a 3 year shelf life under normal conditions. Rotation will return MREs to supply channels for reissuing and consumption. Ref (n), Part II, 2.D.
- ___ b. MREs are stacked no more than three pallets (preferably two) high to avoid crushing the cases at the base of the stack. Ref (n), Part II, 4.A.
- ___ c. MREs can be expected to experience temperature ranges that allow them to last for at least one year. However, temperature storage guidelines state for MREs: seven years at 60°F, five years at 70°F, four years at 80°F, thirty months at 90°F, and five months at 110°F. Ref (n), Part II, 4.C.
- ___ d. Receipt inspection of MREs are being conducted prior to loading onto ships. Only MREs in good condition and free of defects and infestations should be accepted. Ref (n), Part I, 9.D, and Part II, 5.B.

- _____ e. * MREs are not stacked over, or immediately adjacent to, petroleum products (oils, grease, fuels, or solvents). Ref (n), Part II, 4.C.
- _____ f. A high degree of sanitation is maintained in MRE stowage areas. Ref (n), Part II, 5.A.

* These items are highly significant.